

APPLICATION NO.  
09/208,195

APPLICANT  
Jan E. Schnitzer and Philip Oh

FILING DATE  
December 9, 1998

GROUP  
1644

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PN	AR2	Schnitzer, J.E., et al., "Seperation of Caveolae from Associated Microdomains of GPI-Anchored Proteins," <i>Science</i> , 269:1435-1439 (1985).
	AS2	Stan, R.-V., et al., "Immunoisolation and Partial Characterization of Endothelial Plasmalemmal Vesicles (Caveolae)," <i>Mol. Biol. Cell</i> 8:595-605 (1997).
	AT2	Smart, E.J., et al., "A detergent-free method for purifying caveolae membrane from tissue culture cells," <i>Proc. Natl. Acad. Sci. USA</i> 92:10104-10108 (1995).
	AU2	Liu, J., et al., "Organized Endothelial Cell Surface Signal Transduction in Caveolae Distinct from Glycosylphosphatidylinositol-anchored Protein Microdomains," <i>J. Biol. Chem.</i> 272(11):7211-7222 (1997).
PN	AV2	Oh, P. and Schnitzer, J.E., "Towards understanding the basics of purifying caveolae," Abstract and poster presented at the American Society of Cell Biology meeting held December 13-17, 1997.

EXAMINER

DATE CONSIDERED

Patricia Nolan

6/30/99

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## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
PN	AA	5,776,770	07/07/98	Schnitzer	435	317.1	
PN	AB	5,281,700	01/94	Schnitzer, et al.	530	412	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PN	AR	Anderson, R.G.W., "Caveolae: Where incoming and outgoing messengers meet," <i>Proc. Natl. Acad. Sci., USA</i> 90:10909-10913 (1993).
PN	AS	Jacobson, B.S., et al., "Isolation and partial characterization of the luminal plasmalemma of microvascular endothelium from rat lungs," <i>European J. Cell Biol.</i> , 58:296-306 (1992).
PN	AT	Lisanti, M.P., et al., "Caveolin Forms a Hetero-Oligomeric Protein Complex That Interacts with an Apical GPI-linked Protein: Implications for the Biogenesis of Caveolae," <i>J. of Cell Biology</i> , 123(3):595-604 (1993).
PN	AU	Lisanti, M.P., et al., "Characterization of Caveolin-rich membrane Domains Isolated from an Endothelial-rich Source: Implications for Human Disease," <i>J. of Cell Biol.</i> , 126(1):111-126 (1994).
PN	AV	Lisanti, M.P., et al., "Caveolae, caveolin and caveolin-rich membrane domains: a signalling hypothesis," <i>Trends in Cell Biol.</i> , 4:231-235 (1994).
PN	AW	Rothberg, K.G., et al., "Caveolin, a Protein Component of Caveolae Membrane Coats," <i>Cell</i> 68:673-682 (1992).
PN	AX	Schnitzer, J.E., et al., "Endothelial Caveolae Have the Molecular Transport Machinery for Vesicle Budding, Docking and Fusion Including VAMP, NSF, SNAP, Annexins, and GTPases," <i>J. of Biological Chem.</i> , 270(24):14399-14404 (1995).
PN	AY	Schnitzer, J.E., et al., "Caveolae from luminal plasmalemma of rat lung endothelium: Microdomains enriched in caveolin, Ca <sup>2+</sup> -ATPase and inositol triphosphate receptor," <i>Proc. Natl. Acad. Sci. USA</i> , 92:1759-1763 (1995).
PN	AZ	Schnitzer, J.E., et al., "NEM inhibits transcytosis, endocytosis, and capillary permeability: implication of caveolae fusion in endothelia," <i>Am. Physiological Soc.</i> , H48-H55 (1995).

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